

This Class 570 is considered to be an integral part of Class 260 (see the Class 260 schedule for the position of this Class in schedule hierarchy). This Class retains all pertinent definitions and class lines of Class 260.

ORGANIC COMPOUNDS (CLASS 532, SUBCLASS 1)		
101	.HALOGEN CONTAINING	
102	..With preservative or stabilizer	121
103	...To prevent or reduce polymerization	...Hydrocarbon, halocarbon or halohydrocarbon preservative or stabilizer
104	....Nitrogen bonded directly to oxygen in preservative or stabilizer	122
105	....Oxygen single bonded directly to benzene ring in preservative or stabilizer	....Acyclic carbon to carbon unsaturation containing
106	....Sulfur containing preservative or stabilizer	123
107	...Acetylenic unsaturation containing preservative or stabilizer	..Fluorine containing
108	....Hydroxy, bonded directly to carbon, or ether containing	124
109	...Nitrogen containing hetero ring in preservative or stabilizer	...Product
110	...Acyclic nitro containing preservative or stabilizer	125
111	...Nitrogen other than as ammonia or the ammonium ion in preservative or stabilizer	....Polymer of unsaturated compound
112	....Nitrile	126
113	....Imine (e.g., hydrazone, oxime, etc.)	.....Fluorine is sole halogen
114	...Oxygen containing hetero ring in preservative or stabilizer	127
115	....Hetero ring containing plural ring oxygens	....Benzene ring containing
116	....Oxirane ring	128
117	...Carbonyl containing preservative or stabilizer	.....Acyclic unsaturation containing
118	...Hydroxy, bonded to carbon, or ether containing preservative or stabilizer	129
119	....Phenolic	....Plural carbocyclic rings containing
120	...Sulfur containing preservative or stabilizer	130
		....Plural carbocyclic rings containing
		131
		...Carbocyclic ring contains six carbon atoms
		132
		...Carbocyclic ring contains four carbon atoms
		133
		...Carbocyclic ring contains three carbon atoms
		134
		....Acyclic
		135
		.....Unsaturated
		136
		.....Fluorine is sole halogen
		137
		.....Bromine or iodine containing
		138
		...Polymerization of unsaturated compound
		139
		...With chain terminating agent (e.g., telogen, etc.)
		140
		...From organic compound containing an element other than carbon, hydrogen, or halogen
		141
		....Nitrogen containing
		142
		....Oxygen containing
		143
		...Preparing benzene ring containing compound
		144
		...Haloalkyl containing compound
		145
		....By substituting halogen for a different halogen in haloalkyl group
		146
		....Forming the benzene ring
		147
		....Substituting halogen for different halogen or hydrogen
		148
		...Forming alicyclic ring from benzene ring
		149
		...Forming alicyclic ring from acyclic compound
		150
		...Preparing from elemental carbon, carbon oxide, or carbon disulfide
		151
		...Isomerization

152	...Decreasing molecular weight of polymer of indeterminate structure	180	....Including extraction with organic liquid
153	...Preparing unsaturated compound	181	..Product
154	....From acetylenically unsaturated compound	182	...Benzene ring containing
155	....By dehalogenation or dehydrohalogenation of adjacent carbon atoms in a compound	183	....Polycyclo ring system
156	.....Catalyst utilized	184	....Plural benzene rings bonded directly to the same acyclic carbon or attached by an acyclic carbon chain
157	.....Alkali or alkaline earth metal containing catalyst	185	....Benzene ring and halogen bonded directly to the same acyclic carbon or attached by an acyclic carbon chain
158	.....Zinc containing catalyst	186	...Alicyclic ring containing
159	....From methane or halomethane	187	....Polycyclo ring system
160	....Substituting fluorine for a different halogen	188	....Plural rings containing
161	...Utilizing halogen fluoride or a mixture of elemental fluorine and another elemental halogen	189	...Acyclic carbon to carbon unsaturation containing
162	...Utilizing a compound containing silicon and fluorine	190	..Processes of preparing, purifying, or recovering benzene ring containing compound
163	...Transhalogenation or disproportionation	191	...Preparing acyclic haloalkyl group containing compound
164	...By reacting with hydrogen fluoride	192	....Halo, 1,1-diphenylethane or ring substituted derivative thereof prepared (e.g., DDT, etc.)
165	....Catalyst utilized	193	....Having acyclic carbon to carbon unsaturation
166	.....Metal halide containing catalyst	194	....Bonding haloalkyl group directly to benzene ring
167	.....Antimony halide containing catalyst	195	....Oxygen containing organic compound reactant
168	.....Transition metal halide containing catalyst	196	...Halogenation of acyclic carbon
169	.....Metal oxide containing catalyst	197	.....Catalyst utilized
170	...Substituting halogen for a different halogen	198	.....Halogen containing catalyst
171	...Increasing the number of carbon atoms in the compound	199	...Bonding benzene rings to the same acyclic carbon or to an acyclic carbon chain
172	....Utilizing unsaturated compound	200	...Preparing acyclic carbon to carbon unsaturation containing compound
173	...Decreasing the number of carbons in the compound (e.g., cracking, etc.)	201	...Oxygen containing organic compound reactant
174	...Introducing bromine or iodine	202	...Isomerization
175	...Utilizing unsaturated compound	203	...Oxyhalogenation
176	...Replacing halogen with hydrogen	204	...Dehalogenation or dehydrohalogenation
177	...Purification or recovery	205	....Of alicyclic ring to prepare benzene ring
178	....Including distillation	206	...Bonding halogen directly to benzene ring
179	....Solid sorbent utilized		

207	....Chlorination	235	...Metal halide reactant
208	.....Catalyst utilized	236	...Isomerization
209	.....Sulfur containing catalyst	237	...Increasing the number of carbon atoms in the compound
210	.....Metal halide containing catalyst	238	...Purification or recovery
211	...Purification or recovery	239	...Including contact with solid agent
212	..Forming alicyclic ring from benzene ring	240	..Preparing from elemental carbon, inorganic carbide, carbon disulfide, or carbon oxide
213	..Purification or recovery of 1,2,3,4,5,6 - hexachlorocyclohexane (i.e., benzene hexachloride)	241	..Preparing utilizing plural diverse reactions in separate zones
214	..Ring formation, ring expansion or contraction or bonding one alicyclic ring directly or indirectly to another alicyclic ring	242	...Addition reaction of hydrogen chloride to carbon to carbon unsaturation with chlorination in separate zone
215	...Diels-Alder reaction	243	..Preparing by oxyhalogenation
216	..Processes of preparing, purifying, or recovering unsaturated compound	244	...Liquid medium or inorganic melt utilized
217	...From carbon source other than hydrocarbon, halocarbon, or halohydrocarbon	245	...Fixed bed catalyst utilized
218	...Decreasing the number of carbon atoms in the compound	246	..Preparing by addition of elemental halogen, interhalogen compound, or hydrogen halide to carbon to carbon unsaturation
219	...Plural diverse reactions in separate zones	247	...Catalyst or reaction directing agent utilized
220	....Dehalogenation or dehydrohalogenation with halogenation in separate zones	248	....Hydrogen halide reactant
221	.....Acetylene reactant	249	....Nonmetallic catalyst or reaction directing agent utilized
222	.....Including oxyhalogenation or oxidation with elemental oxygen	250	....Catalyst or reaction directing agent containing or group VIII metal utilized
223	....Including oxhalogenation or oxidation with elemental oxygen	251	...All reactants in vapor phase
224	...Oxyhalogenation	252	..Elemental halogen reactant
225	....Liquid medium or inorganic melt utilized	253	...Catalyst or reaction directing agent utilized
226	...Dehydrohalogenation	254	....Inorganic metal containing catalyst or reaction directing agent utilized
227	....Catalyst utilized	255	...All reactants in vapor phase
228	.....Catalyst in liquid phase	256	..Isomerization
229	....Including chemical reaction with by-product hydrogen halide	257	..Preparing by increasing the number of carbons in the compound
230	...Dehalogenation or dehydrogenation	258	..Preparing by reacting hydrogen halide with a compound which contains hydroxy bonding directly to carbon
231	...Addition reaction of free halogen or hydrogen halide to carbon to carbon unsaturation	259	..Preparing by reacting ether with hydrogen halide
232	....To triple bond	260	..Preparing by halogen exchange
233	.....To acetylene		
234	...Elemental halogen reactant		

- 261 ..Halogen source is a compound
other than hydrogen halide
- 262 ..Purification or recovery
- 263 ...Liquid-liquid extraction
- 264 ..Preservation or stabilization
treatment

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